$$\begin{array}{c} P\{|X| = \sigma\} = 2 \cdot P(1) - 1 \\ P\{|X| = 2\sigma\} = 2 \cdot P(2) - 1 \\ 2(.9112) - 1 = 0.9544 \\ P\{|X| = 3\sigma\} = 2 \cdot P(3) - 1 \\ = 2(.912) - 1 = 0.9544 \\ P\{|X| = 3\sigma\} = 2 \cdot P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = 2 \cdot P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0.9912 \\ P\{|X| = 3\sigma\} = P(3) - 1 = 0$$